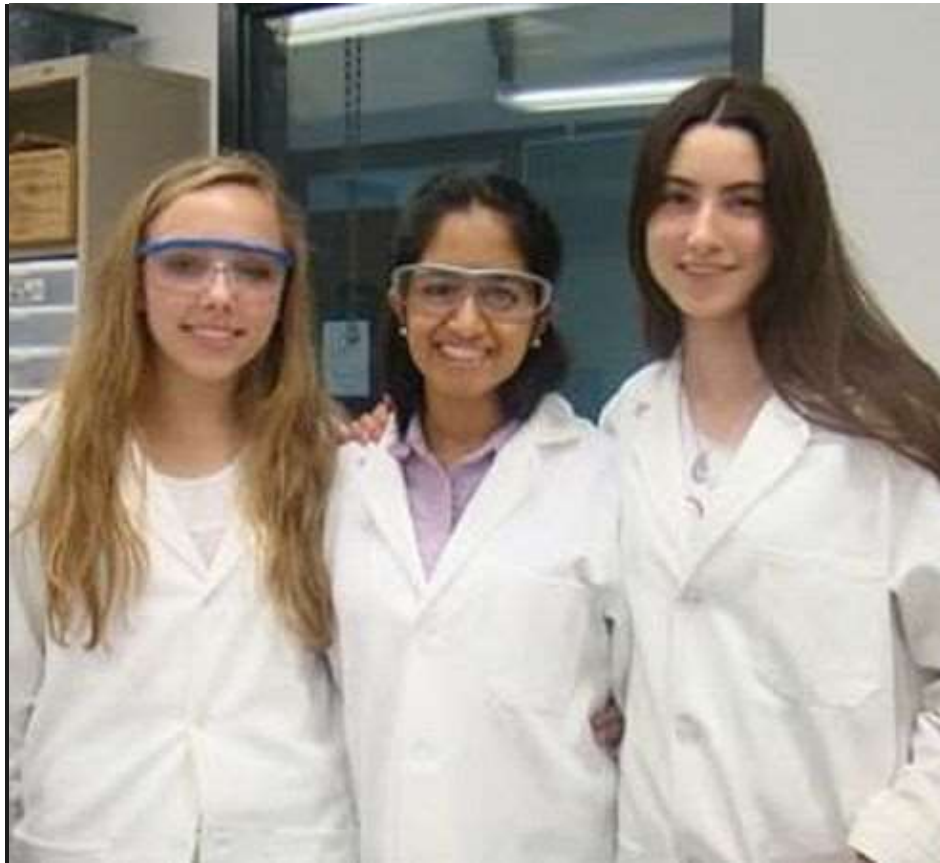


# Summit, Cranford students attend Governor's Scholars program at Rutgers



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Summit High School students are part of the Governor's Scholars program for engineering and technology this summer (2013) at Rutgers University in New Brunswick.

[Independent Press](#)

By [\*\*Frank Mustac / Independent Press\*\*](#)

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**SUMMIT** — Two students from Summit, Elizabeth Hallenborg and Olivia Mastrangelo, were part of the Governor's Scholars program for engineering and technology held recently at Rutgers University in New Brunswick.

A third student from Union County, Noah Lee from Cranford High School, also participated.

The scholars are all students entering their senior year. They were selected for the program from more than 300 applicants.

Lee was part of team working on a research project called Autonomic Cloud Computing.

Mastrangelo, who attends Kent Place School in Summit, was a team member on a project called Separation of Mixtures in Microfluidic Devices, while Hallenborg, who is enrolled at Summit High School, was part of a group handling a project called Electric Motor Design.

After working in small groups during the four-week program, the scholars delivered presentations on their projects on July 26, also at Rutgers.

Hosted by the School of Engineering, students live on the Rutgers campus during the summer. Emphasis is placed on solving complex issues that exist on local, state, national and international levels.

Hallenborg said she found out about the Governor's Scholars program through an announcement at Summit High School and applied at the school guidance department.

"I really like engineering," she said, especially mechanical and aerospace engineering. "They sound really interesting to me."

Besides the research projects, the scholars visited companies whose main business is engineering and technology.

"I liked how we got to go on tour to Boeing and Picatinny Arsenal," Hallenborg said.

Boeing is the aircraft manufacturing plant over the Delaware River in Pennsylvania, while Picatinny is the U.S. Army facility in Rockaway.

The Boeing plant, Hallenborg said, has a giant wind tunnel.

"It was really cool," she said.

What was also cool, she said, was meeting and interacting with professional engineers with different technical backgrounds.

Hallenborg already seems to have her mind set on an engineering school to attend after graduation from high school.

“I really like Rutgers,” she said. “That would be a really nice place to go.”